

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-034988

(43)Date of publication of application : 06.02.1996

(51)Int.Cl.

C10M169/04
// (C10M169/04
C10M137:06
C10M135:06
C10M137:10
C10M139:00
C10M159:24)
C10N 10:04
C10N 10:08
C10N 30:06

(21)Application number : 06-172718

(71)Applicant : CHUKYO KASEI KOGYO KK

(22)Date of filing : 25.07.1994

(72)Inventor : NISHIZAWA RIYOUJI
SHIBATA KAZUHISA
FUKAYA TERUO

(54) LUBRICANT OIL FOR METAL DEFORMATION PROCESSING

(57)Abstract:

PURPOSE: To obtain a lubricant oil for metal deformation processing excellent in lubricity, releasing property, etc., without polluting a working environment, having no clogging in pipes and nozzles of an atomizer and suitable for forging-, press-, drawing processing, etc., by adding a highly basic petroleum sulfonate and an oil-soluble extreme pressure agent to mineral-based base oil.

CONSTITUTION: This lubricant oil for metal deformation processing preferably comprises (A) 100 pts.wt. of a mineral-based base oil such as paraffin-based oil, (B) 10-200 pts.wt. of a highly basic petroleum sulfonate such as an alkali earth metal alkylaryl sulfonate and (C) 10-200 pts.wt. of a usual oil-soluble extreme pressure agent such as an oil sulfide, a phosphoric or phosphorus ester, a chlorinated paraffin, a metal naphthenate, etc.

LEGAL STATUS

[Date of request for examination] 02.07.1996

[Date of sending the examiner's decision of rejection] 01.12.1998

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office